

APPENDIX A

Estimated Agency Equipment Quantities

April 29, 2003

Notes

1. All equipment quantities are approximate, and are for information only. Actual equipment quantities shall be determined at the time of equipment order.
2. In the event of a discrepancy between this Appendix and the Contract specifications, the specifications shall govern.

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1 CONSOLIDATED LIST OF RFCS EQUIPMENT QUANTITIES (TOTAL)

	CT	ET	KCM	KT	PT	ST	WSF	Total
2. Operating Base/Terminal Equipment Location								
2.1 Total number of operating bases/terminals	2	1	7	4	1	NA ⁽³⁾	13	28
2.2 Total number of DACs	2	1	7	4	1	4 ⁽³⁾	5	24
2.3 Total number of On/Off Load Devices	2	1	7	4	1	NA ⁽³⁾	NA	15
3. Fare Transaction Processors (FTP)s and On-Board Equipment								
3.1a Total number of On-Board FTPs, DDUs, and On/Off Load Devices	276	45	1330	101	164	194	NA	2110
3.1b Total number of RCUs	NA	NA	1330	NA	NA	84	NA	1414
3.2 Total number of Portable FTPs	0	0	50 ⁽²⁾	0	0	16	15	81
3.3 Total number of Stand-Alone FTPs	0	0	0	3	0	43	62 ⁽¹⁾	43+65 ⁽¹⁾
3.4 Total number of TVM Integration	NA	NA	NA	NA	NA	34	NA	34
4. Revaluing Devices								
4.1 Total number of Customer Service Terminals (CST)	1	1	22	1	6	1	2	34
4.2 Total number of Photo ID units	1	1	3	1	4	1	0	11
5. Central Site								
5.1 Total number of Back-Office client computers	1	1	1	1	1	1	1	7

Notes

- (1) Final WSF FTP configurations (toll booth mounted or free standing) to be determined at Preliminary Design Review.
- (2) PFTP quantities for KCM include 10 for vanpool demonstration and 40 for KCM's Dial-a-Ride Transit (DART) service.
- (3) DACS are for Sounder rail stations. ST Express bus service will use CT, KCM and PT facilities and equipment.

2 BETA TEST QUANTITIES AND SERVICES

Infrastructure:

Agency	Central Site	Location Address	Operator #	Vehicle #	Service Area
CT	Merrill Creek (OB)	7100 Hardeson Rd, Everett	113	30	Snohomish City to University of Washington
ET	Headquarters (OB)	3225 Cedar, Everett	15	5	Everett
KCM ¹	Bellevue Base (OB)	1790 124 th Ave. NE, Bellevue	280	140	Bellevue
KT	Main Base (OB)	200 Charleston Blvd, Bremerton	50	30	Kitsap
PT ²	Headquarters (OB)	3701 96 th St. S.W., Tacoma	Note 2	Note 2	Tacoma
ST ²	Tacoma Dome (RS)	I-5/Tacoma	150	50	Tacoma Dome to Seattle
WSF	Colman Dock (FT)	801 Alaskan Way	20	N/A	Seattle to Bainbridge/Bremerton
Total			628	255	

Operating Base (OB) Rail Station (RS) Ferry Terminal (FT)

Equipment:

Agency	DDU	RCU	FTP			WDOLS	DACS	CST	TVM Integration	BOC
			On Board	Stand Alone	Portable					
CT	30	NA	30	0	0	30	1	1	NA	1
ET	5	NA	5	0	0	5	1	1	NA	1
KCM ¹	300 ⁽³⁾	300 ⁽³⁾	140	0	0	300 ⁽³⁾	2 ⁽³⁾	2	NA	1
KT	30	NA	30	0	0	30	1	1	NA	1
PT ²	0	NA	0	0	0	0	0	1	NA	1
ST ²	50	0	50	9	8	50	2	1	2	1
WSF	N/A	NA	N/A	10	4	N/A	1	1	N/A	1
Total	415	300	255	19	12	415	8	8	2	7

Notes:

1. KCM quantities include ST Express coaches operating on the Federal Way to Renton to Downtown Bellevue and return route.
2. Sound Transit coaches operating out of PT facilities will be used.
3. DDU, RCU, WDOLS and DACS quantities are for both the RFCS Beta Test and separate (by others) on-board systems project beta test.

Services:

Agency	Customer Service Location				
CT	Walk-in: 520-128 th St. SW, Everett Mail: 8905 Airport Road, Everett	KCM	King Street Center, Seattle	KT	Bremerton Ferry Terminal

- Card Procurement & Distribution
- Fare Card Management
- Institutional Programs
- Customer Service
- Reporting
- Training
- Financial Management
- Network Management
- Revalue Network Services
- Technical Support & Maintenance
- Testing & Installation
- Clearinghouse Services

3 SUMMARY OF AGENCY-SPECIFIC RFCS QUANTITIES

3.1 COMMUNITY TRANSIT

COMMUNITY TRANSIT RFCS QUANTITIES	
1. Fleet and Vehicles	
1.1 Total number of bus vehicles in regular fleet	276
(Note: Sound Transit buses operated by CT are included in the Sound Transit details in Section 3.5)	
1.2 Total number of bus vehicles in Paratransit	0
2. Operating Bases	
2.1 Total number of operating bases	2
2.2 Total number of DACs	2
2.3 Total number of On/Off Load Devices	2
3. Fare Transaction Processors (FTPs) and On-Board equipment	
3.1 Total number of On-Board FTPs, DDUs and Data On/Off Load devices	276
(Note: FTPs for Sound Transit buses operated by CT are included in the Sound Transit details in Section 3.5)	
3.2 Total number of Portable FTPs	0
3.3 Total number of Stand Alone FTPs	0
4. Revaluing Devices	
4.1 Total number of Customer Service Terminals (CST)	1
4.2 Total number of Photo ID units	1
5. Central Site	
5.1 Agency Back Office Client Computer	1

3.2 EVERETT TRANSIT

EVERETT TRANSIT RFCS QUANTITIES	
1. Fleet and Vehicles	
1.1 Total number of bus vehicles in regular fleet	45
1.2 Total number of bus vehicles in Paratransit	0
2. Operating Bases	
2.1 Total number of operating bases	1
2.2 Total number of DACs	1
2.3 Total number of On/Off Load Devices	1
3. Fare Transaction Processors (FTPs) and On-Board equipment	
3.1 Total number of On-Board FTPs, DDUs and Data On/Off Load devices	45
3.2 Total number of Portable FTPs	0
3.3 Total number of Stand Alone FTPs	0
4. Revaluing Devices	
4.1 Total number of Customer Service Terminals (CST)	1
4.2 Total number of Photo ID units	1
5. Central Site	
5.1 Agency Back Office Client Computer	1

3.3 KING COUNTY METRO

KING COUNTY METRO RFCS QUANTITIES	
1. Fleet and Vehicles	
1.1 Total number of bus vehicles in regular fleet (Note: Sound Transit buses operated by KCM are included in the Sound Transit details in Section 3.5)	1330
1.2 Total number of bus vehicles in Paratransit	283
2. Operating Bases	
2.1 Total number of operating bases	7
2.2 Total number of DACs	7
2.3 Total number of On/Off Load Devices	7
3. Fare Transaction Processors (FTP)	
3.1a Total number of On-Board FTPs, DDUs and Data On/Off Load devices (Note: FTPs for Sound Transit buses operated by KCM are included in the Sound Transit details in Section 3.5)	1330
3.1b Total number of RCUs	1330
3.2 Total number of Portable FTPs	50 ⁽¹⁾
3.3 Total number of Stand Alone FTPs	0
4. Revaluing Devices	
4.1 Total number of Customer Service Terminals (CST)	22
4.2 Total number of Photo ID units	3
5. Central Site	
5.1 Agency Back Office Client Computer	1

Note

(1) 10 PFTPs for vanpool demonstration, 40 for KCM's Dial-a-Ride Transit (DART) service.

3.4 KITSAP TRANSIT

KITSAP TRANSIT RFCS QUANTITIES	
1. Fleet and Vehicles	
1.1 Total number of bus vehicles in regular fleet	77
1.2 Total number of bus vehicles in Paratransit	24
2. Operating Bases	
2.1 Total number of operating bases	4
2.2 Total number of DACs	4
2.3 Total number of On/Off Load Devices	4
3. Fare Transaction Processors (FTPs) and On-Board Equipment	
3.1 Total number of On-Board FTPs, DDUs and Data On/Off Load devices	101
3.2 Total number of Portable FTPs	0
3.3 Total number of Stand Alone FTPs	3
4. Revaluing Devices	
4.1 Total number of Customer Service Terminals (CST)	1
4.2 Total number of Photo ID units	1
5. Central Site	
5.1 Agency Back Office Client Computer	1

3.5 PIERCE TRANSIT

PIERCE TRANSIT RFCS QUANTITES	
1. Fleet and Vehicles	
1.1 Total number of bus vehicles in regular fleet <i>(Note:</i> Sound Transit buses operated by PT are included in the Sound Transit details in Section 3.5)	164
1.2 Total number of bus vehicles in Paratransit	0
2. Operating Bases	
2.1 Total number of operating bases	1
2.2 Total number of Operating Base DACs	1
2.3 Total number of On/Off Load Devices	1
3. Fare Transaction Processors (FTPs) and On-Board Equipment	
3.1 Total number of On-Board FTPs, DDUs and Data On/Off Load devices (<i>Note:</i> FTPs for Sound Transit buses operated by PT are included in the Sound Transit details in Section 3.5)	164
3.2 Total number of Portable FTPs	0
3.3 Total number of Stand Alone FTPs	0
4. Revaluing Devices	
4.1 Total number of Customer Service Terminals (CST)	6
4.2 Total number of Photo ID units	4
5. Central Site	
5.1 Agency Back Office Client Computer	1

3.6 SOUND TRANSIT

SOUND TRANSIT RFCS QUANTITIES	
1. Fleet and Vehicles	
1.1 Total number of bus vehicles	194
1.2 Total number of rail passenger cars	25
2. Operating Bases	
2.1 Total number of Operating Bases	Use PT, KCM and CT facilities for ST Express
2.2 Total number of Operating Base DACs	4 For Sounder rail stations Use PT, KCM and CT facilities for ST Express
2.3 Total number of On/Off Load Devices	Use PT, KCM and CT facilities for ST Express
3. Fare Transaction Processors (FTPs) and On-Board Equipment	
3.1a Total number of On-Board FTPs, DDUs and Data On/Off Load devices	194
3.1b Total number of RCUs	84
3.2 Total number of Portable FTPs	16
3.3 Total number of Stand Alone FTPs	43
4. Revaluing Devices	
4.1 Total number of TVM Integration (installation of RFCS equipment in existing ST Sounder TVMs)	34
4.2 Total number of Customer Service Terminals (CST)	1
4.3 Total number of Photo ID units	1
5. Central Site	
5.1 Agency Back Office Client Computer	1

3.7 WASHINGTON STATE FERRIES

WASHINGTON STATE FERRIES RFCS QUANTITES	
1. Fleet and Vehicles	
1.1 Total number of ferries	28
1.2 Total number of bus vehicles	0
2. Operating Bases/Terminals	
2.1 Total number of Operating Bases/Terminals	13 (excluding Islands)
2.2 Total number of Operating Base DACs	5
2.3 Total number of On/Off Load Devices	NA
3. Fare Transaction Processors (FTP)	
3.1 Total number of On-Board FTPs	NA
3.2 Total number of Portable FTPs	15
3.3 Total number of Toll Booth/Stand Alone FTPs ⁽¹⁾	62
4. Revaluing Devices	
4.1 Total number of Customer Service Terminals (CST)	2
4.2 Total number of Photo ID Units	0
5. Central Site	
5.1 Agency Back Office Client Computer	1

(1) Final configuration of WSF FTP's (booth mounted or freestanding) to be determined at Preliminary Design Review.